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CLAIMS

1. An image forming apparatus comprising:
receiving means for receiving a plurality of pages
of image data transmitted through a communication line
5 and receiving a partial print request signal requesting
that only a part of the image data be printed;
storage means for storing the image data and the
partial print request signal, both received at the
receiving means; and
10 printing means for printing a part of the image
data in response to the partial print request signal
stored in the storage means.

2. An image forming apparatus according to
claim 1, wherein the printing means includes second
15 printing means for printing a part of the image data in
response to the partial print request signal stored in
the storage means, upon receiving a partial print
instruction from a user through a control panel
provided on the image forming apparatus.

20 3. An image forming apparatus according to
claim 1, wherein the printing means includes:
second printing means for printing a part of the
image data in response to the partial print request
signal stored in the storage means, upon receiving a
25 partial print instruction from a user through a control
panel provided on the image forming apparatus; and
third printing means for printing all pages of

image data stored in the storage means, upon receiving an all-page print instruction from the user through the control panel after the second printing means has printed the part of the image data.

5 4. An image forming apparatus according to claim 1, wherein the printing means includes second printing means for printing a part of the image data stored in the storage means, immediately in response to the partial print request signal stored in the storage
10 means.

 5. An image forming apparatus according to claim 1, wherein the printing means includes second printing means for printing a part of the image data stored in the storage means, together with an image
15 indicating that data printed is a part of the image data, immediately in response to the partial print request signal stored in the storage means.

 6. An image forming apparatus according to claim 1, wherein the printing means includes:
20 second printing means for printing a part of the image data in response to the partial print request signal stored in the storage means, upon receiving a partial print instruction from a user through a control panel provided on the image forming apparatus; and
25 third printing means for printing all pages of image data stored in the storage means, upon receiving an all-page print instruction from the user through the

control panel after the second printing means has printed the part of the image data, said all-page print instruction demanding that the image data be printed in a specific fashion.

5 7. An image forming apparatus according to claim 1, wherein the printing means includes:

 second printing means for printing a part of the image data stored in the storage means, immediately in response to the partial print request signal stored in
10 the storage means; and

 third printing means for printing all pages of image data stored in the storage means, upon receiving an all-page print instruction from a user through a control panel provided on the image forming apparatus
15 after the second printing means has printed the part of the image data, said all-page print instruction demanding that the image data be printed in a specific fashion.

 8. An image forming apparatus according to
20 claim 1, wherein the printing means includes:

 second printing means for printing a part of the image data stored in the storage means, together with an image indicating that data printed is a part of the image data, immediately in response to the partial
25 print request signal stored in the storage means; and

 third printing means for printing all pages of image data stored in the storage means, upon receiving

an all-page print instruction from a user through a control panel provided on the image forming apparatus after the second printing means has printed the part of the image data, said all-page print instruction
5 demanding that the image data be printed in a specific fashion.

9. An image forming apparatus according to claim 1, wherein the printing means includes:

10 second printing means for printing a part of the image data in response to the partial print request signal stored in the storage means, upon receiving a partial print instruction from a user through a control panel provided on the image forming apparatus;

15 third printing means for printing all pages of image data stored in the storage means, upon receiving an all-page print instruction from the user through the control panel after the second printing means has printed the part of the image data, said all-page print instruction demanding that the image data be printed in
20 a specific fashion; and

transfer means for transferring data representing the specific fashion to a data processing device which has transmitted the image data to the image forming apparatus through the communication line, after the
25 third printing means has printed all pages of image data.

10. An image forming apparatus according to

claim 1, wherein the printing means includes:

second printing means for printing a part of the image data stored in the storage means, immediately in response to the partial print request signal stored in the storage means;

third printing means for printing all pages of image data stored in the storage means, upon receiving an all-page print instruction from a user through a control panel provided on the image forming apparatus after the second printing means has printed the part of the image data, said all-page print instruction demanding that the image data be printed in a specific fashion; and

transfer means for transferring data representing the specific fashion to a data processing device which has transmitted the image data to the image forming apparatus through the communication line, after the third printing means has printed all pages of image data.

11. An image forming apparatus according to claim 1, wherein the printing means includes:

second printing means for printing a part of the image data stored in the storage means, together with an image indicating that data printed is a part of the image data, immediately in response to the partial print request signal stored in the storage means;

third printing means for printing all pages of

image data stored in the storage means, upon receiving
an all-page print instruction from a user through a
control panel provided on the image forming apparatus
after the second printing means has printed the part of
the image data, said all-page print instruction
5 demanding that the image data be printed in a specific
fashion; and

transfer means for transferring data representing
the specific fashion to a data processing device which
10 has transmitted the image data to the image forming
apparatus through the communication line, after the
third printing means has printed all pages of image
data.

12. An image forming apparatus according to
15 claim 1, wherein the printing means includes:

second printing means for printing a part of the
image data in color in response to the partial print
request signal stored in the storage means, upon
receiving a partial color print instruction from a user
20 through a control panel provided on the image forming
apparatus; and

third printing means for printing, in color, all
pages of image data stored in the storage means, upon
receiving an all-page color print instruction from the
25 user through the control panel after the second
printing means has printed the part of the image data
in color.

13. An image forming apparatus according to claim 1, wherein the printing means includes:

5 second printing means for printing, in color, a part of the image data stored in the storage means, immediately in response to the partial print request signal stored in the storage means; and

10 third printing means for printing, in color, all pages of image data stored in the storage means, upon receiving an all-page color print instruction from a user through a control panel provided on the image forming apparatus, after the second printing means has printed the part of the image data in color.

14. An image forming apparatus according to claim 1, wherein the printing means includes:

15 second printing means for printing, in color, a part of the image data stored in the storage means, together with an image indicating that data printed is a part of the image data, immediately in response to the partial print request signal stored in the storage means; and

20 third printing means for printing, in color, all pages of image data stored in the storage means, upon receiving an all-page color print instruction from a user through a control panel provided on the image forming apparatus, after the second printing means has printed the part of the image data in color.

15. An image forming apparatus according to

claim 1, wherein the printing means includes:

second printing means for printing, in color, a part of the image data in color in response to the partial print request signal stored in the storage means, upon receiving a partial color print instruction from a user through a control panel provided on the image forming apparatus;

third printing means for printing, in color, all pages of image data stored in the storage means, upon receiving an all-page print instruction from the user through the control panel after the second printing means has printed, in color, the part of the image data, said all-page print instruction demanding that the image data be printed in a specific fashion in color; and

transfer means for transferring data representing the specific fashion to a data processing device which has transmitted the image data to the image forming apparatus through the communication line, after the third printing means has printed, in color, all pages of image data.

16. An image forming apparatus according to claim 1, wherein the printing means includes:

second printing means for printing, in color, a part of the image data stored in the storage means, immediately in response to the partial print request signal stored in the storage means;

third printing means for printing, in color, all pages of image data stored in the storage means, upon receiving an all-page color print instruction from a user through a control panel provided on the image forming apparatus, after the second printing means has printed the part of the image data in color, said all-page print instruction demanding that the image data be printed in a specific fashion in color; and

transfer means for transferring data representing the specific fashion to a data processing device which has transmitted the image data to the image forming apparatus through the communication line, after the third printing means has printed, in color, all pages of image data.

17. An image forming apparatus according to claim 1, wherein the printing means includes:

second printing means for printing, in color, a part of the image data stored in the storage means, together with an image indicating that data printed is a part of the image data, immediately in response to the partial print request signal stored in the storage means;

third printing means for printing, in color, all pages of image data stored in the storage means, upon receiving an all-page color print instruction from a user through a control panel provided on the image forming apparatus, after the second printing means has

printed the part of the image data in color, said all-page print instruction demanding that the image data be printed in a specific fashion in color; and

5 transfer means for transferring data representing the specific fashion to a data processing device which has transmitted the image data to the image forming apparatus through the communication line, after the third printing means has printed, in color, all pages of image data.

10 18. An image forming system comprising:

a plurality of data processing devices for transferring image data to be printed and a partial print request signal requesting that only a part of the image data be printed, both through a communication
15 line; and

a printing apparatus having:

receiving means for receiving a plurality of pages of the image data and the partial print request signal from the data processing devices
20 through the communication line;

storage means for storing the image data and the partial print request signal, both received at the receiving means;

25 first printing means for printing a part of the image data in response to the partial print request signal stored in the storage means;

second printing means for printing a part of

the image data in response to the partial print request signal stored in the storage means, upon receiving a partial print instruction from a user through a control panel provided on the image forming apparatus; and

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third printing means for printing all pages of image data stored in the storage means, upon receiving an all-page print instruction from the user through the control panel after the second printing means has printed the part of the image data.

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